

## Chapter- 10

## Force, Work and Energy

## WORKSHEET

## A. FILL IN THE BLANKS:

1. A push that makes a body move or stop moving is called as force.
2. When force is applied on a body to make it move through a distance is known as work.
3. machine is a tool that makes work easy.
4. The energy that we get from the sun is solar.

## B. ANSWER IN ONE WORD.

1. When a moving body slows or stops on its own. frictional
2. A force which is used to move a catapult. Elastic
3. A simple slope over which a load can be pushed up or down.
4. Energy which comes from splitting of an atom. atomic
5. Energy which we get from sun and wind.

## C. CHOOSE THE CORRECT ANSWER:

1. ~~Elastic~~/ gravitational/Frictional force is used to move a catapult.
2. Lever/ ~~Pulley~~/ Screw is made from a wheel and a rope.
3. A bicycle ~~pedal~~/ nutcracker/ wedge is an example of wheel and axle.
4. A screw/ ~~Wedge~~/ Pulley is a machine which looks like a nail with grooves cut into it.
5. In loudspeaker ~~sound~~ energy/ mechanical energy/ solar energy is changed into electrical energy.
6. Energy is a force/ ~~ability~~/ power to do work.

D. LABEL THESE SIMPLE MACHINES GIVEN BELOW.



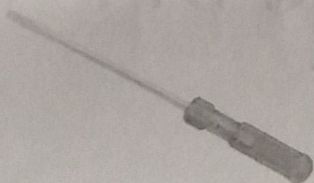
→ WHEEL & AXLE



→ inclined plane



→ pair of scissors



→ screw, Driver